

Random Copolymer Polypropylene

POLYPROPYLENE

ResAlt® R-621018 polypropylene resin; Royal Blue in color, Pelletized.

ResAlt® R-621018: Random Copolymer

Typical Resin Properties

Typical Value

ASTM Method

Melt flow rate, g/min	47-52	D1238
Tensile strength at yield, psi (MPa)	3700-4100	D638
Notched Izod impact strength at 73°F, ft-ln/in (J/M)	.8-.9	D256A
Flexural Modulus, psi (MPa)	145000-160000	D790
Density, g/cm ³	.90-.91	D792
Ash Content	0-2%	D5630

(a) Values shown are averages not to be construed as product specifications. These values may shift as additional data are accumulated.

(b) ASTM methods are the latest under the Society's current procedures. All specimens are prepared by injection molding.